

**FIG. 2**

TITLE: DATA LAYOUT MECHANISM TO REDUCE HARDWARE RESOURCE CONFLICTS

INVENTORS: TATIANA SHPEISMAN, ALI-REZA ADL-TABATABAI

ATTORNEY DOCKET NO.: 42P17251

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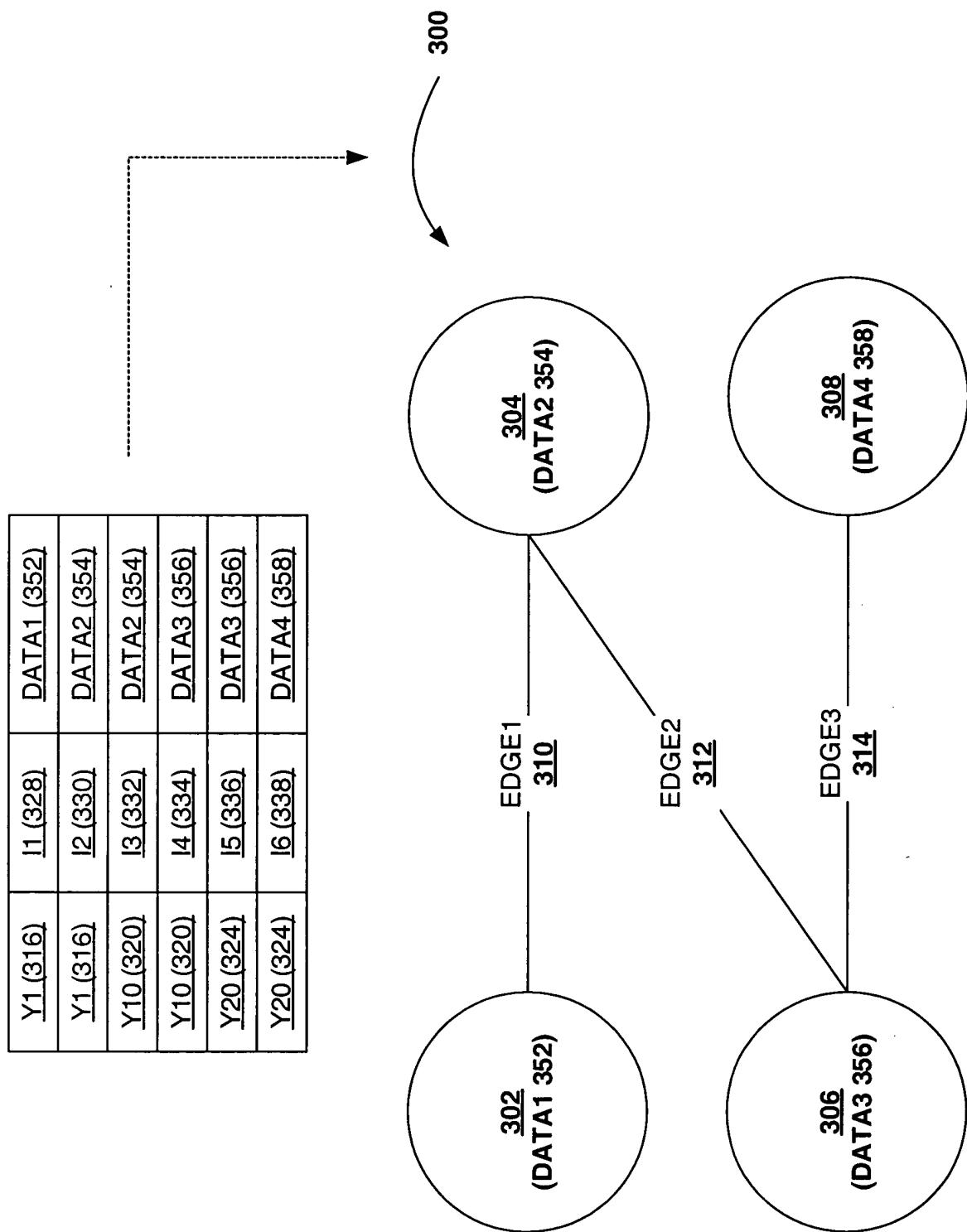
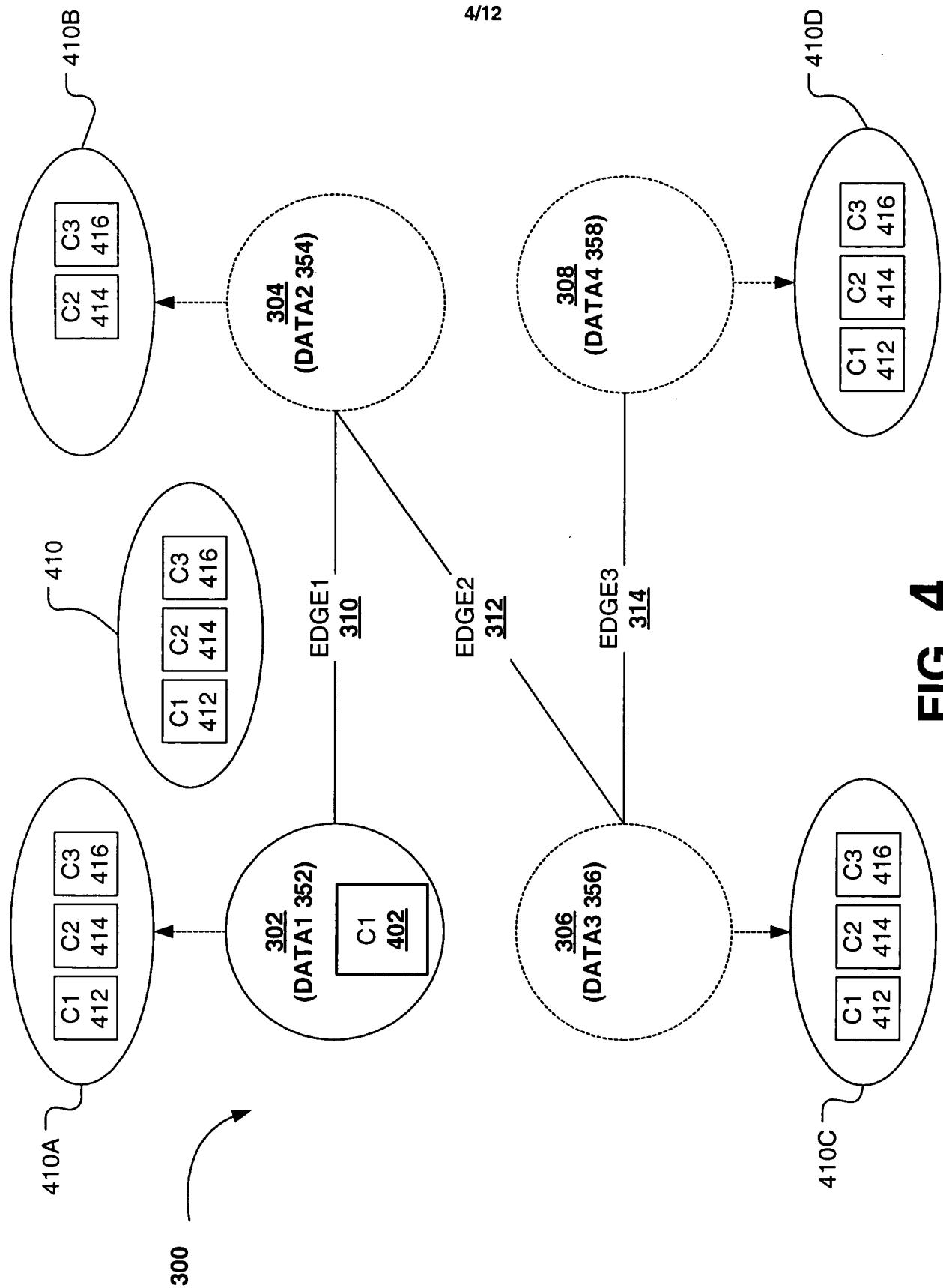
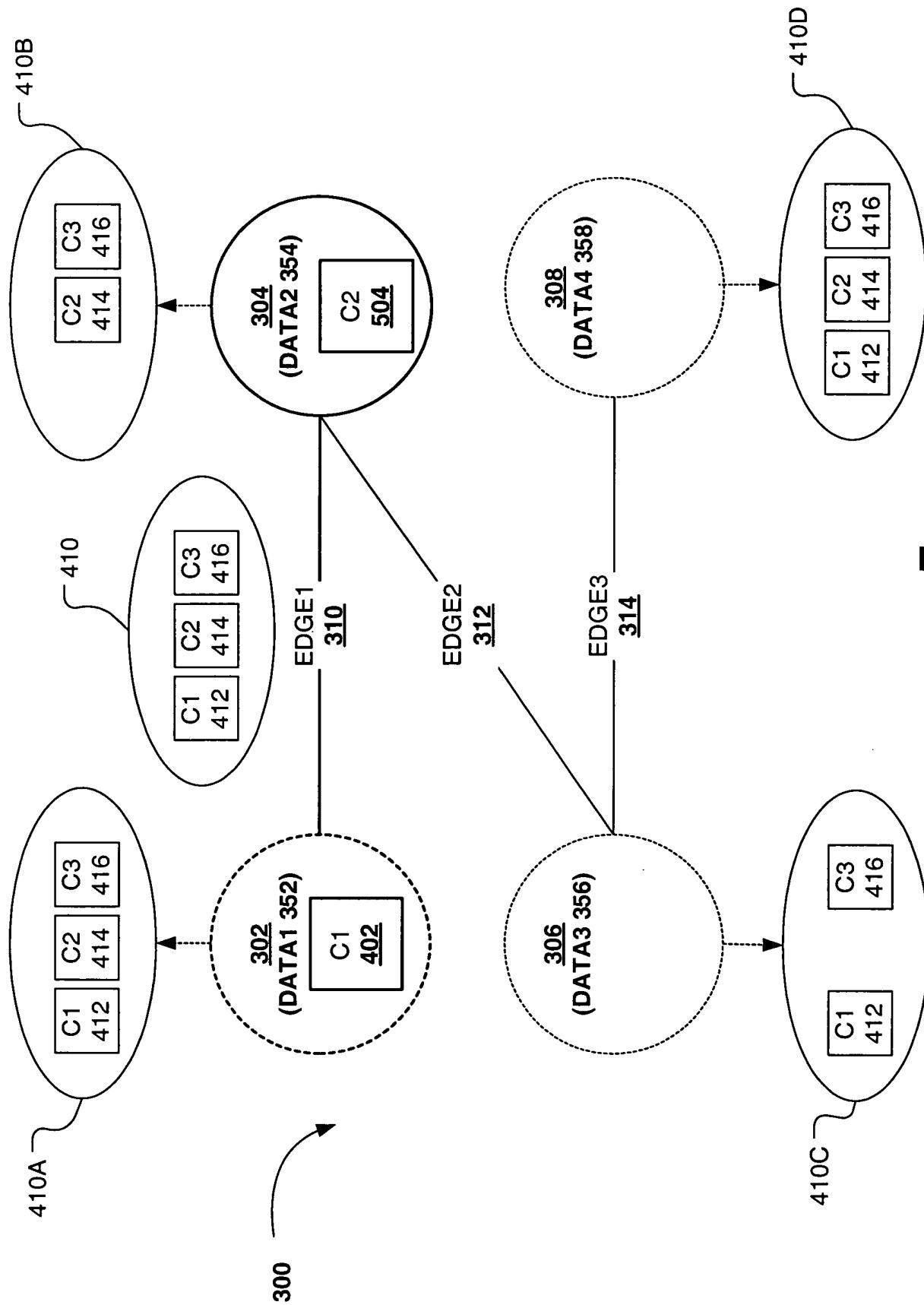
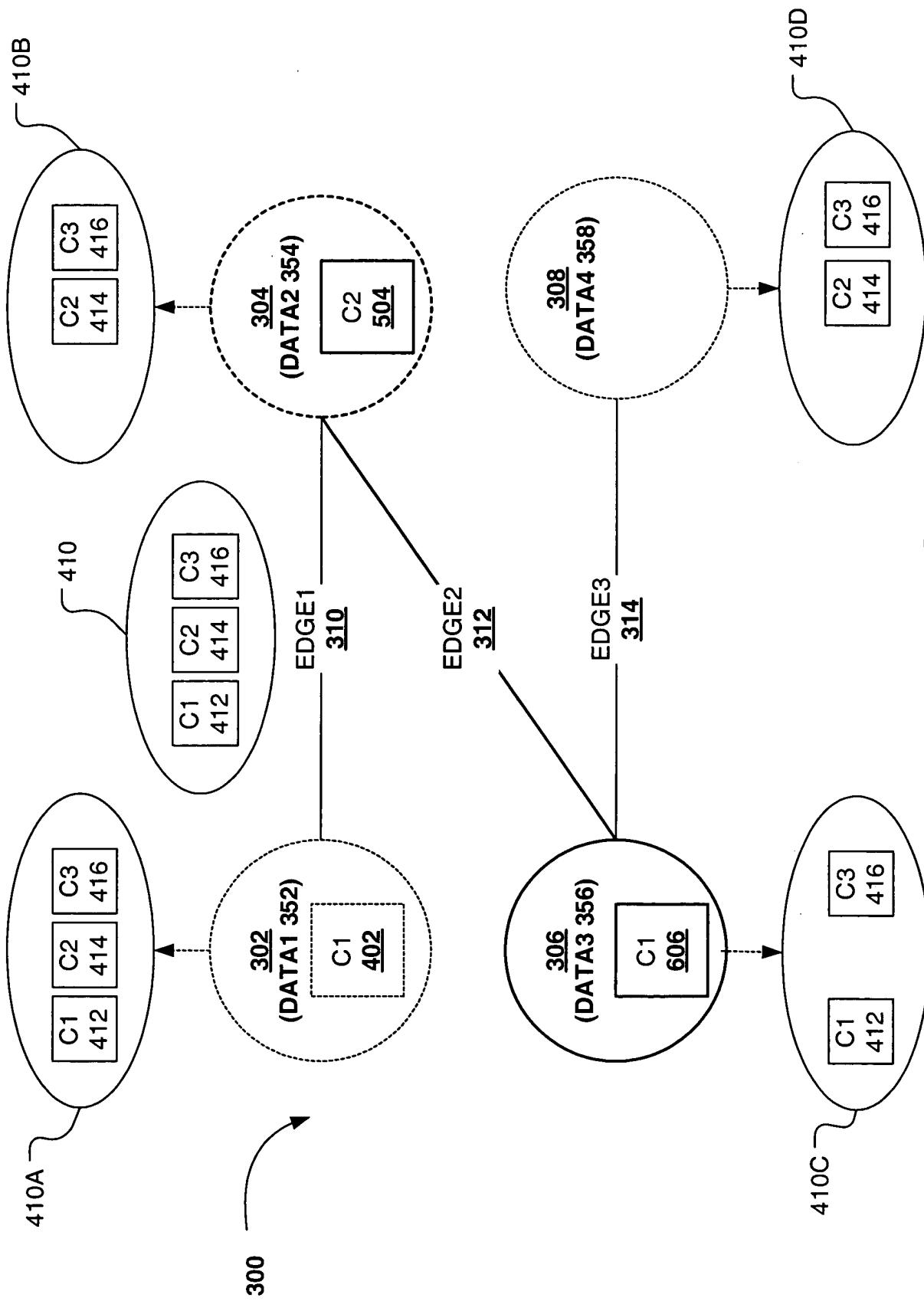


FIG. 3

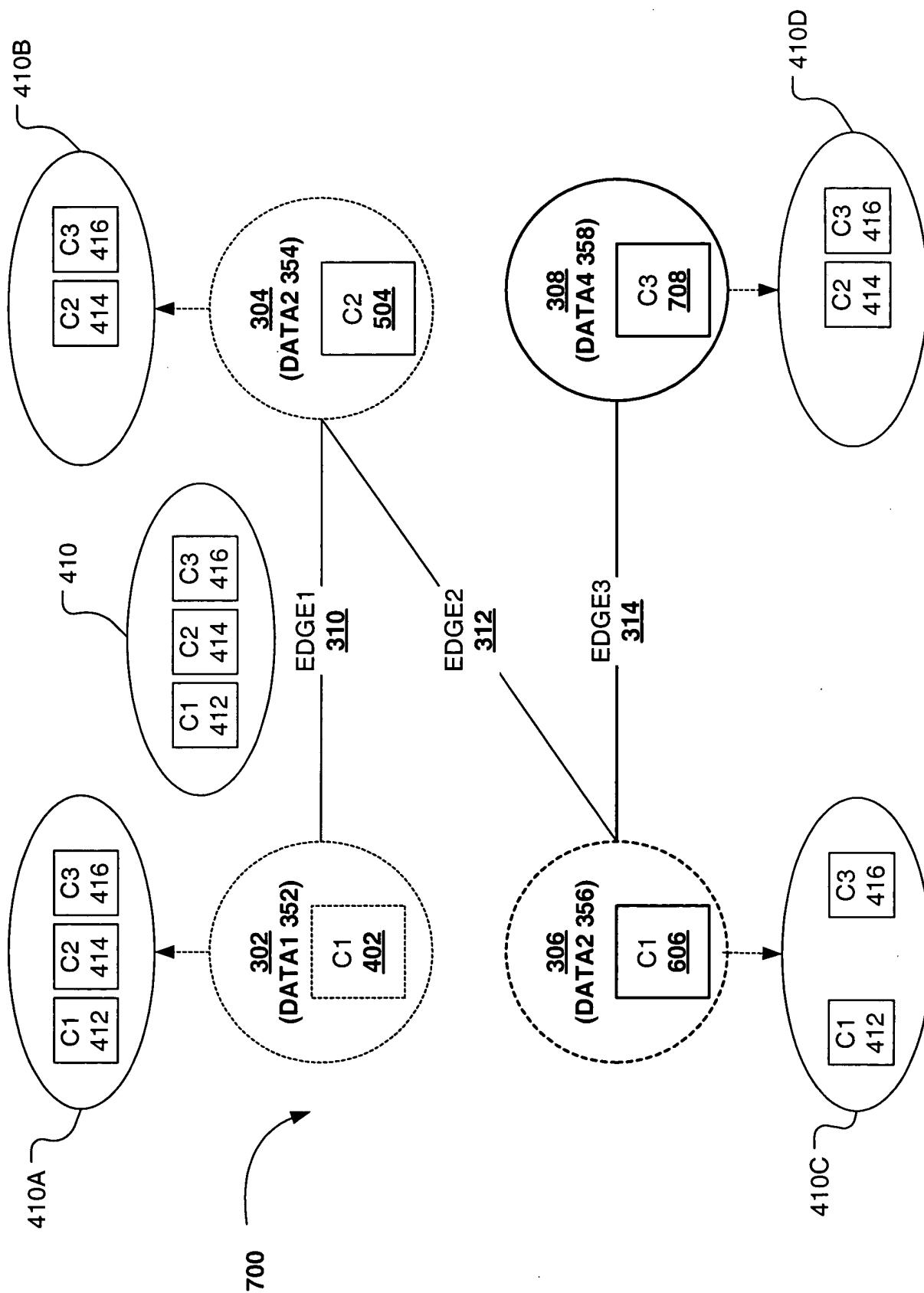
**FIG. 4**



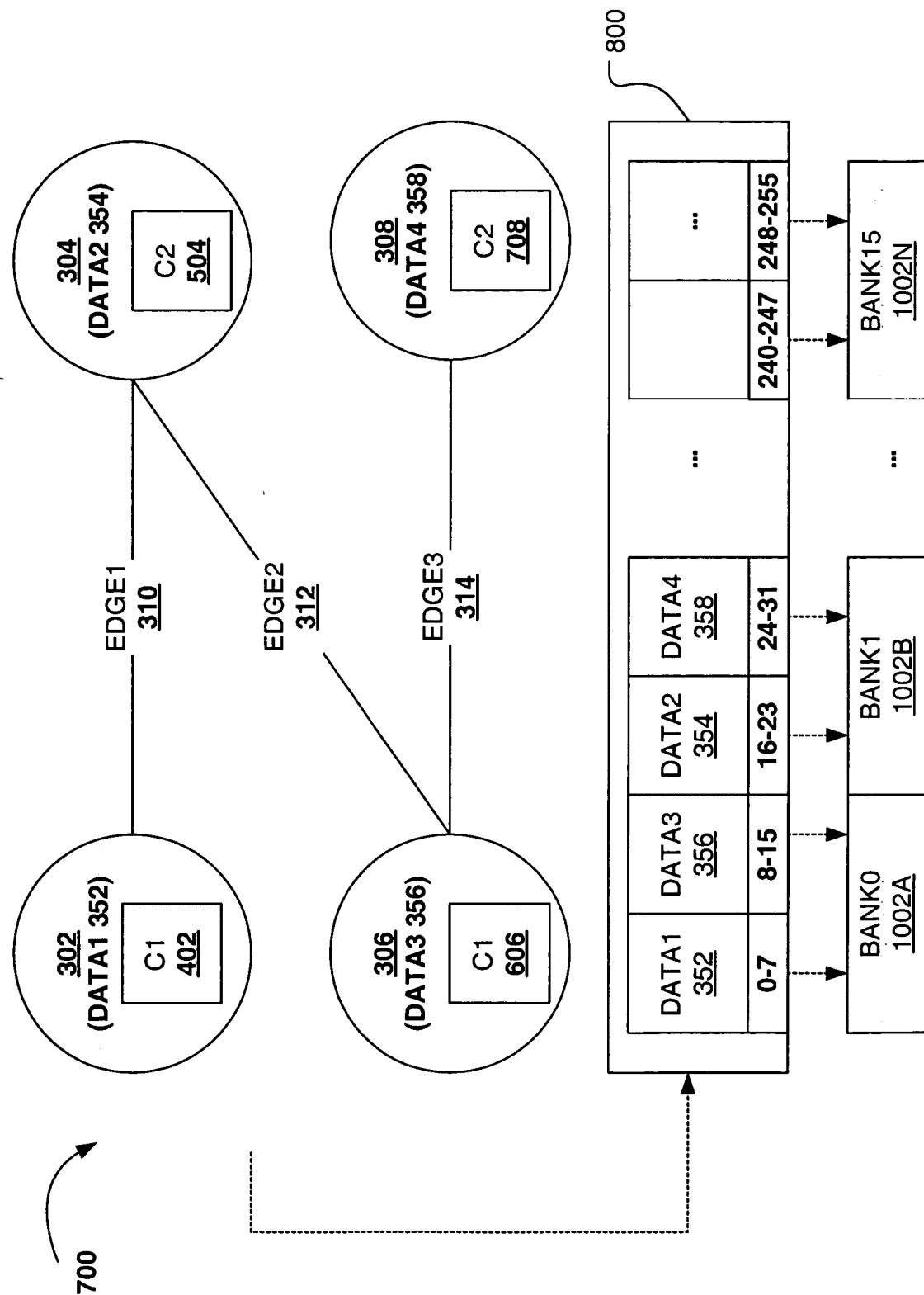
**FIG. 5**



**FIG. 6**



**FIG. 7**

**FIG. 8**

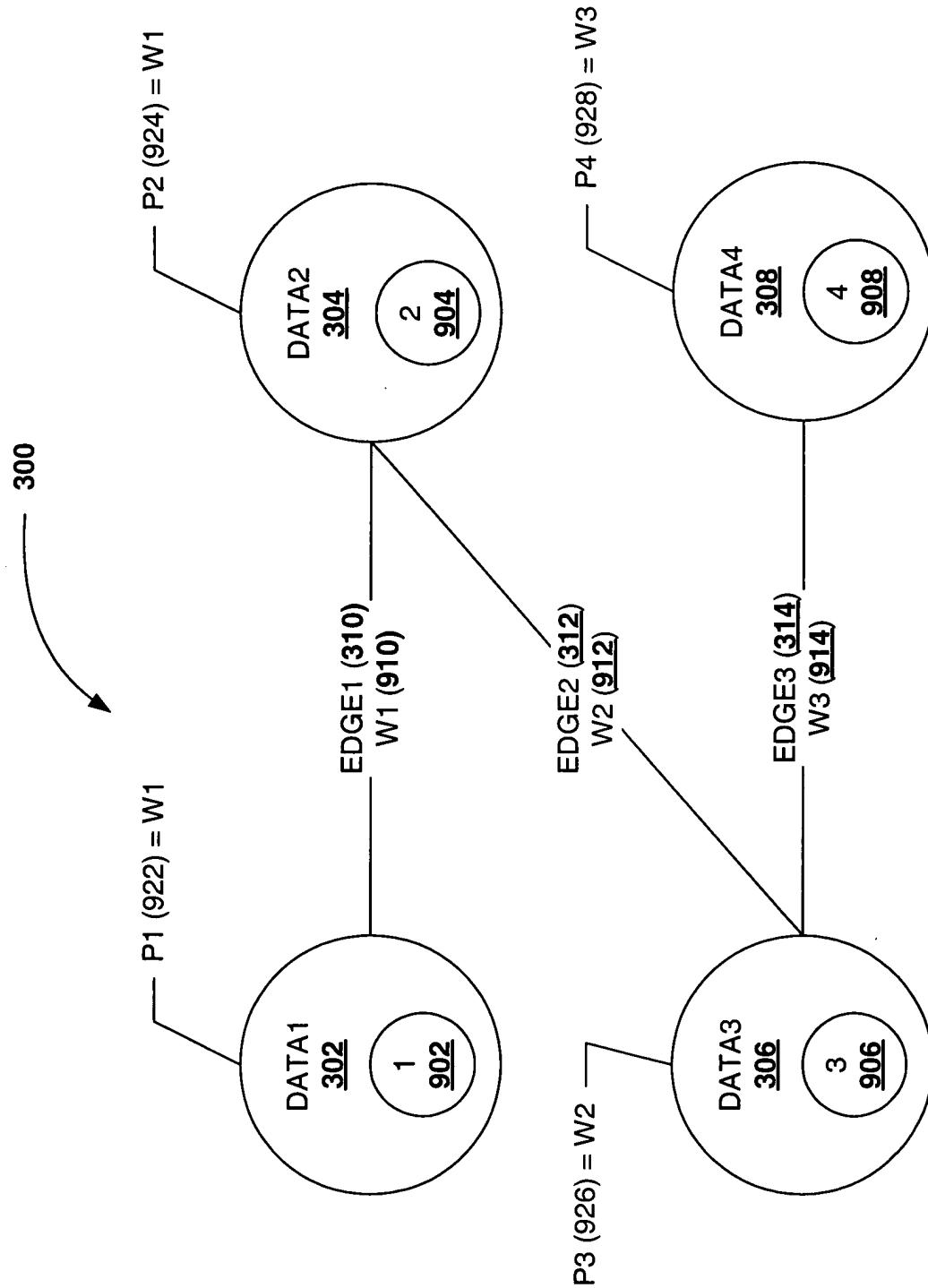
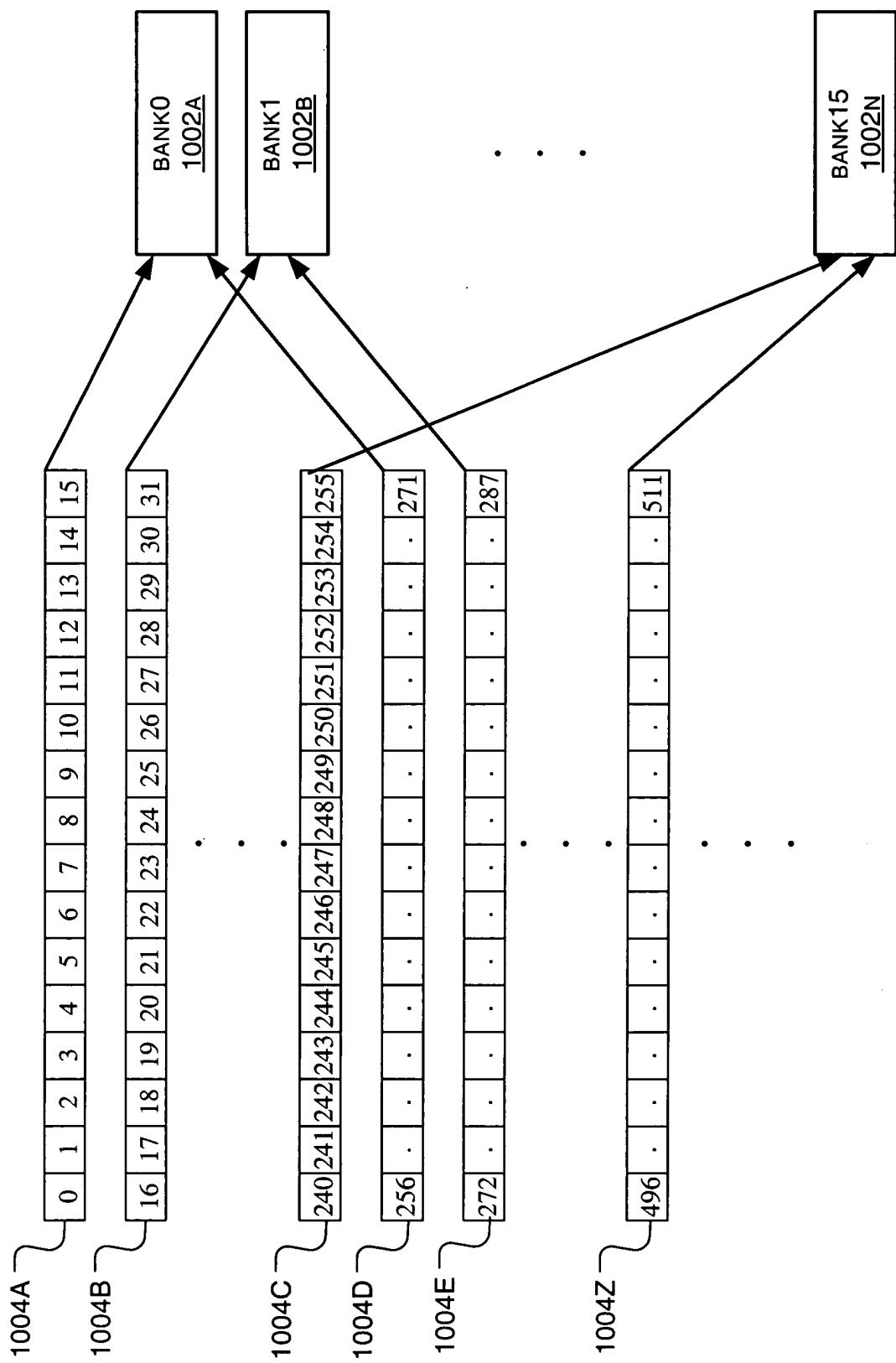


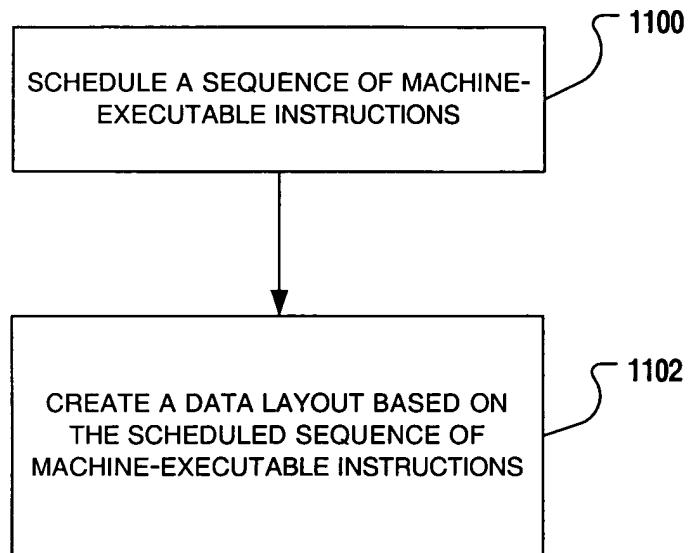
FIG. 9

**TITLE: DATA LAYOUT MECHANISM TO REDUCE HARDWARE RESOURCE CONFLICTS**  
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**FIG. 10**

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**INVENTORS: TATIANA SHPEISMAN, ALI-REZA ADL-TABATABAI**  
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**FIG. 11**

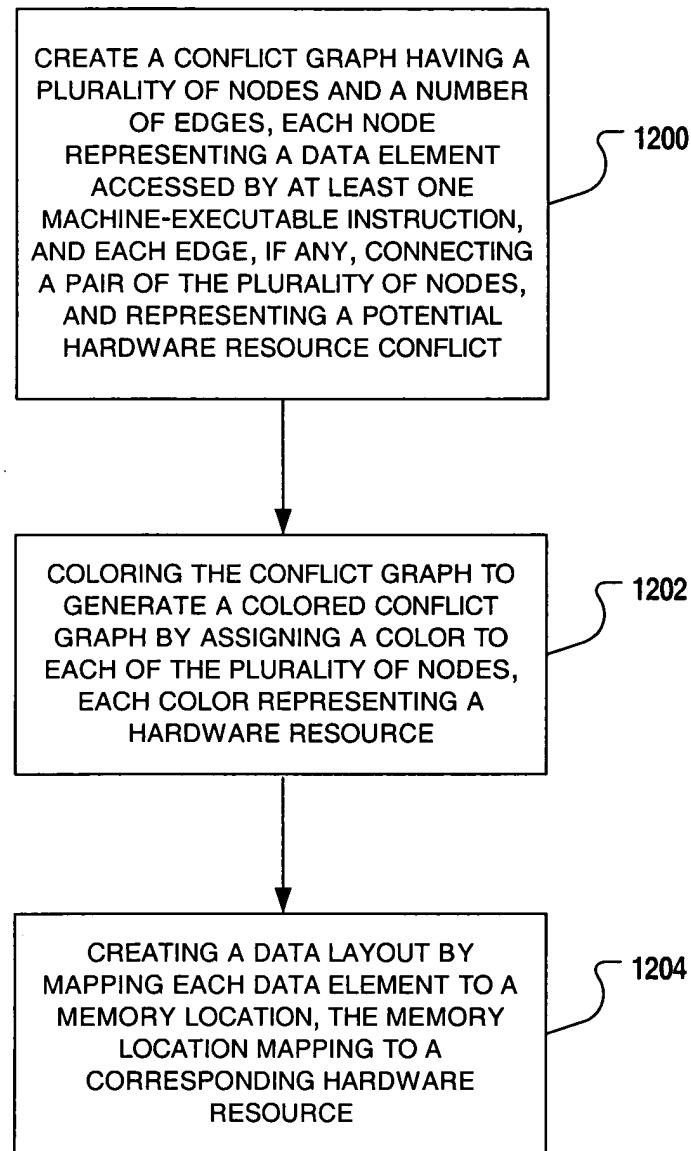
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**FIG. 12**